

ABSTRACT

A polymer consisting mainly of structural units represented by the general formula (1), wherein the total molar amount of terminal aldehyde groups and acetal groups is 0.6 mol% or smaller based on the total molar amount of the structural units represented by the general formula (1). $[-(-CHR_1-)_n-CX_1R_2-CX_2R_3-]$ (1) (In the formula, n is an integer of 2 to 10; X_1 and X_2 each represents -H, -OH, or a functional group capable of being converted into -OH, provided that at least one of X_1 and X_2 is hydroxy or a functional group capable of being converted into hydroxy; and R_1 , R_2 , and R_3 each represents -H or C_{1-5} alkyl, aryl, aralkyl, or heteroaryl and the two or more R_1 's may be different.)